



Dahua Technology WizSense IPC-HDBW2449E-S-IL-0280B security camera Dome IP security camera Outdoor 2688 x 1520 pixels Ceiling/Wall/Pole

Brand : Dahua Technology

Product family: WizSense

Product code: IPC-HDBW2449E-S-IL-0280B

Product name : IPC-HDBW2449E-S-IL-0280B

4MP Smart Dual Light Fixed-focal Dome WizSense Network Camera
Dahua Technology WizSense IPC-HDBW2449E-S-IL-0280B. Type: IP security camera, Placement supported: Outdoor, Connectivity technology: Wired. Mounting type: Ceiling/Wall/Pole, Product colour: White, Form factor: Dome. Angle of rotation: 355°, Lens viewing angle, horizontal: 101°, Lens viewing angle, vertical: 54°. Sensor type: CMOS, Optical sensor size: 25.4 / 2.9 mm (1 / 2.9"). Detect distance: 63.6 m, Observe distance: 25.4 m, Recognize distance: 12.7 m

Performance		Video	
Type *	IP security camera	Bit rate	H.264: 32 kbps-6144 kbps; H.265: 12 kbps-6144 kbps
Placement supported *	Outdoor	Back Light Compensation (BLC)	✓
Connectivity technology *	Wired	Highlight Compensation (HLC)	✓
Day/night mode	✓	Region of Interest (ROI) encoding	✓
Dynamic range	120 dB	Audio	
Certification	CE-LVD: EN62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU	Built-in microphone	✓
Design		Voice codecs	G.711Mu, G.711a, G.726, PCM
Form factor *	Dome	Network	
Mounting type *	Ceiling/Wall/Pole	Ethernet LAN *	✓
Product colour *	White	Ethernet interface type	Fast Ethernet
Housing material	Metal	Networking standards	IEEE 802.3af
International Protection (IP) code	IP67	Supported network protocols	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; NTP; Multicast; ICMP; IGMP; P2P
IK code	IK10	Wi-Fi *	✗
Camera		Bluetooth *	✗
Minimum illumination	0 lx	Number of users	6 user(s)
Angle of rotation	355°	Storage	
Lens viewing angle, horizontal	101°	Built-in HDD *	✗
Lens viewing angle, vertical	54°	Card reader integrated	✓
Lens viewing angle, diagonal	120°	Compatible memory cards	MicroSD (TransFlash)
Tilt angle range	0 - 65°	Maximum memory card size	256 GB
Pan range	0 - 355°	ROM capacity	128 MB
White balance	Auto, Manual, Natural, Outdoor, Regional custom, Street lamp	RAM capacity	128 MB
Camera shutter type	Electronic	Ports & interfaces	
Camera shutter speed	1/3 - 1/100000 s	Ethernet LAN (RJ-45) ports	1
Image sensor		Security	
Optical sensor size	25.4 / 2.9 mm (1 / 2.9")	Video motion detection	✓
Progressive scan	✓	Mirror	✓
Sensor type *	CMOS	Management features	
Lens system		Web browser	✓
Detect distance	63.6 m	Management software	Smart PSS Lite; DSS; DMSS; DoLynk Care
Observe distance	25.4 m		
Recognize distance	12.7 m		
Identify distance	6.4 m		
Fixed focal length	2.8 mm		
Closest focusing distance	1.1 m		

Night vision		Power	
Night vision *	✓	Power source type *	DC, PoE
Night vision distance	30 m	Power consumption (typical)	2.4 W
LED type	IR/White	Power consumption (max)	7.9 W
Video		DC output voltage	12
Maximum resolution *	2688 x 1520 pixels	Operational conditions	
Total megapixels *	4 MP	Operating temperature (T-T)	-40 - 60 °C
Video compression formats	H.264, H.264B, H.264H, H.265, M-JPEG	Storage temperature (T-T)	-40 - 60 °C
	352 x 240, 352 x 288, 640 x 480 (VGA), 704 x 480, 704 x 576, 1280 x 720 (HD 720), 1280 x 960, 1920 x 1080 (HD 1080), 2304 x 1296, 2560 x 1440, 2688 x 1520	Operating relative humidity (H-H)	0 - 95%
Supported graphics resolutions		Storage relative humidity (H-H)	0 - 95%
Frame rate	30 fps	System requirements	
Video streaming	✓	Mobile operating systems supported Android, iOS	
Noise reduction	✓	Weight & dimensions	
Noise reduction technology	3D noise reduction	Height	81 mm
Gain control type	Auto/Manual	Diameter	11 cm
Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)	Weight	350 g
		Packaging data	
		Package weight	500 g
		Packaging content	
		Number of cameras *	1

Catalog Object Cloud



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